

## Abstract

This invention is directed to a cassette for electrophoresis gels comprising: first and second planar wall members having inner and outer surfaces, top and bottom edges, and lateral edges wherein the wall members are oriented generally parallel to each other and such that the inner wall of each wall member is proximate to the inner wall of the other wall member; spacing means disposed between the inner walls of the wall members and adapted to provide a space for an electrophoresis gel between the inner walls of the wall members, wherein the cassette has an interior which is defined by the space between the wall members; and locking means adapted to prevent locking engagement of the members unless the inner surfaces of the wall members and are substantially parallel to each other and are separated by a predetermined distance, and when the wall members are in locked engagement, to substantially prevent any movement of the wall members away from such locked engagement.